



## ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

Sauget - Saugut  
SF - FISCAL

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RECEIVED  
JUN 24 1988  
IEPA-DLPC

June 15, 1988

Mr. Jeff Larson  
Illinois Environmental Protection Agency  
Springfield, Illinois 62706

Re: LPC #1630200005

Dear Mr. Larson:

Ecology and Environment, Inc., (E & E) is pleased to submit to the Illinois Environmental Protection Agency (IEPA) the enclosed engineering services change order for the Dead Creek Project. The change order details the increased hours, travel costs, other direct costs, and subcontractor costs needed per the "discussion of change" section of the order.

If you have any questions, please call me at 312/663-9415. E & E looks forward to continuing to work with IEPA.

Sincerely,

ECOLOGY AND ENVIRONMENT, INC.

Mike Miller  
Project Manager

MM:tms

Enclosure

## ENGINEERING SERVICES CHANGE ORDER

Illinois Environmental  
Protection Agency  
Springfield, Illinois 62706

Date June 21, 1988

Number

**ENGINEER-Name, Address, Telephone**

Ecology and Environment, Inc.  
368 Pleasantview Drive  
Lancaster, NY 14086

Project Number LPC #1630200005

Project Name Dead Creek Project

County \_\_\_\_\_

Contract dates beginning September 9, 1985  
completion February 15, 1988

Discussion of change including justification documentation.

### Discussion of Change

Preparation of the Investigation Report required substantially more hours than budgeted in August of 1986. This was due to the extensive amount of data collected and the multiple site nature of the study area which complicated report preparation and computer modelling. Completion of the report required over double the 1,700 hours originally projected.

Additional costs outside the scope of work were incurred when investigation-derived wastes were stored, handled, and transported/disposed of for the Illinois Environmental Protection Agency (IEPA).

The costs included in the change order request are for the added hours necessary to fulfill the following requirements:

- o to prepare the draft and final report;
- o to participate in a meeting in Sauget, Illinois;
- o to participate in three additional public information meetings in Sauget, Illinois;
- o to add subcontracting costs to the scope of work for investigation-derived waste storage, handling, transportation, and disposal; and
- o to close-out the project and return the file to the IEPA.

Even with these added hours and added scope, the project is approximately only 4% over the original budget.

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IL 532-1078  
LPC 273 2/88

# COST OR PRICE SUMMARY

				TOTALS
<b>1. DIRECT LABOR (Specify labor categories)</b>				
	ESTIMATED HOURS	HOURLY RATE	ESTIMATED COST	
Principal			2493	
Senior			7304	
Associate			266	
Assistant Technician			137	
<b>DIRECT LABOR TOTAL:</b>				<b>\$10,200</b>
<b>2. INDIRECT COSTS (Specify indirect cost pools)</b>				
	RATE	x BASE =	COST	
Fringe	25%	10200	2550	
Overhead	65%	12750	8288	
General and Administrative	28%	23182	6519	
<b>INDIRECT COSTS TOTAL:</b>				<b>\$17,357</b>
<b>3. OTHER DIRECT COSTS</b>				
<b>a. TRAVEL</b>			<b>COST</b>	
(1) TRANSPORTATION			\$1030	
(2) PER DIEM			150	
<b>TRAVEL SUBTOTAL</b>				<b>\$1,200</b>
<b>b. EQUIPMENT, MATERIALS, SUPPLIES (Specify categories)</b>			<b>COST</b>	
	QTY	COST		
Word Processing	40	\$7.50		
<b>EQUIPMENT SUBTOTAL:</b>				<b>\$300</b>
<b>c. SUBCONTRACTS</b>			<b>COST</b>	
<b>SUBCONTRACTS SUBTOTAL:</b>				<b>\$19,700</b>
<b>d. OTHER (Specify categories)</b>			<b>COST</b>	
Communications			\$100	
Copy Costs			144	
Miscellaneous			500	
<b>OTHER SUBTOTAL:</b>				<b>\$744</b>
<b>4. TOTAL ESTIMATED COST</b>				<b>\$49,501</b>
<b>5. PROFIT</b>				<b>\$4,859</b>
<b>TOTAL PRICE</b>				<b>\$54,360</b>

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Original Contract Amount	<u>\$1,012,064</u>	
Change Order Amount to Date	<u>212,249</u>	
Current Contract Sum	<u>1,224,313</u>	% of Original Amount <u>121%</u>
Amount of this Change Order	<u>54,360</u>	% change to Current Contract Amount <u>4%</u>
New Contract Sum	<u>\$1,278,673</u>	

#### CONTRACT COMPLETION TIME

☐ Remains the same

☐ Completion time changes

New contract completion date Open

ARCHITECT/ENGINEERING FIRM Ecology and Environment, Inc. DATE 6/21/88

	APPROVED	DISAPPROVED	DATE
PROJECT MANAGER _____	_____	_____	_____
UNIT MANAGER _____	_____	_____	_____
MANAGER, RPMS _____	_____	_____	_____
MANAGER, PDU _____	_____	_____	_____
MANAGER, DLPC _____	_____	_____	_____

The change described above and on accompanying drawings and specifications (if applicable) are hereby incorporated by reference and made a part of the contract.

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